



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M. Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137)U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460.Do not send the form to this address.

DATA MATRIX

Date	November 22, 2019	EPA Reg. No./File Symbol	10772-XX	Page	1 of 7
Applicant's/Registrant's Name & Address	Church & Dwight Co., Inc. c/o Landis International, Inc. P.O. Box 5126 Valdosta, GA 31603-5126	Product	Capricorn II (Sodium Percarbonate Active Ingredient Source)		

Ingredient Sodium percarbonate (128860)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550 (61-1)	Product Identity and Composition	44593001	Solvay Chemicals, Inc.	OLD	
830.1600 (61-2a)	Description of Materials Used to Produce the Product	44593001	Solvay Chemicals, Inc.	OLD	
830.1620 (61-2b)	Description of Production Process	44593001	Solvay Chemicals, Inc.	OLD	
830.1650 (61-2b)	Description of Formulation Process	44593001	Solvay Chemicals, Inc.	OLD	
830.1670 (61-3)	Discussion of Formation of Impurities	44593001	Solvay Chemicals, Inc.	OLD	
830.1700 (62-1)	Preliminary Analysis	49795341	Church & Dwight Co., Inc.	OWN	
830.1750 (62-2)	Certified Limits	44593002	Solvay Chemicals, Inc.	OLD	
830.1800 (62-3)	Enforcement Analytical Method	44714101	Biosafe Systems, LLC	OLD	
830.6302 (63-2)	Color	¹ N/R			¹ PRN 92-5
830.6303 (63-3)	Physical state	44714101	Biosafe Systems, LLC	OLD	
830.6304 (63-4)	Odor	² N/R		N/A	² PRN 92-5
830.6313 (63-13)	Stability to Normal and Elevated Temperature Metals and Metal Ions	³ N/R			³ N/A - not expected to come in contact with metals.

Signature		Name and Title	Richard H. Collier, Agent	Date	11/22/2019
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Ingredient	Sodium percarbonate (128860)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6314 (63-14)	Oxidation /Reduction: Chemical Incompatibility	44714101	Biosafe Systems, LLC	OLD	
830.6315 (63-15)	Flammability	44995601	Solvay Chemicals, Inc.	OLD	
830.6316 (63-16)	Explosibility	44995601	Solvay Chemicals, Inc.	OLD	
830.6317 (63-17)	Storage Stability	44995601	Solvay Chemicals, Inc.	OLD	
830.6319 (63-19)	Miscibility	44995601	Solvay Chemicals, Inc.	OLD	
830.6320 (63-20)	Corrosion Characteristics	44995601	Solvay Chemicals, Inc.	OLD	
830.6321 (63-21)	Dielectric Breakdown Voltage	44995601	Solvay Chemicals, Inc.	OLD	
830.7000 (63-12)	pH	44995601	Solvay Chemicals, Inc.	OLD	
830.7050 [None]	UV/Visible Absorption	44995601	Solvay Chemicals, Inc.	OLD	
830.7100(63-18)	Viscosity	44995601	Solvay Chemicals, Inc.	OLD	
830.7200 (63-5)	Melting Point/ Melting Range	44995601	Solvay Chemicals, Inc.	OLD	
830.7220 (63-6)	Boiling Point/Boiling Range	⁴ N/R	Church & Dwight Co., Inc.	OWN	⁴ not a liquid at room temperature
830.7300 (63-7)	Density/ Relative Density/Bulk Density	44995601	Solvay Chemicals, Inc.	OLD	

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Ingredient	Sodium percarbonate (128860)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7370 (63-10)	Dissociation Constants in Water	⁵ N/R			⁵ substance does not have acid, base or alcohol functionality
830.7520 [None]	Particle Size Fiber Length and Diameter Distribution	⁶ N/R			⁶ not insoluble
830.7550 (63-11)	Partition Coefficient (n-Octanol/Water) Shake Flask Method	⁷ N/R			⁷ substance is not organic and non-polar
830.7560 (63-11)	Partition Coefficient (n-Octanol/Water) Generator Column Method	⁷ N/R			⁷ substance is not organic and non-polar
830.7570 (63-11)	Partition Coefficient (n-Octanol/Water) Estimation By Liquid Chromatography	⁷ N/R			⁷ substance is not organic and non-polar
830.7840 (63-8)	Water Solubility: Column Elution Method; Shake Flask Method	49795345	Church & Dwight Co., Inc.	OWN	
830.7860 (63-8)	Water Solubility (Generator Column Method)	49795345	Church & Dwight Co., Inc.	OWN	
830.7950 (63-9)	Vapor Pressure	49795345	Church & Dwight Co., Inc.	OWN	

ECOLOGICAL EFFECTS

850.1010	Invertebrate Toxicity	45771601	Biosafe Systems, LLC	PAY	
850.1075	Fish Toxicity Bluegill Sunfish	45554901	Biosafe Systems, LLC	PAY	

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Ingredient	Sodium percarbonate (128860)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1075	Fish Toxicity Rainbow Trout	46667311	Winston Company, Inc.	PAY	
850.1075	Fish Toxicity Rainbow Trout	46806402	Winston Company, Inc.	PAY	
850.2100	Acute Avian Oral - Quail	46756501	Biosafe Systems, LLC	PAY	
850.2200	Acute Avian Dietary - Quail	46667309	Winston Company, Inc.	PAY	
850.2200	Acute Avian Dietary - Duck	46667309	Winston Company, Inc.	PAY	
850.1400	Early Life Stage Fish	45526401	Solvay Chemicals, Inc.	PAY	
850.1300	Life cycle Invertebrate	45526401	Solvay Chemicals, Inc.	PAY	

TOXICOLOGY

870.1100 (81-1)	Acute oral toxicity, rat	49795342	Church & Dwight Co., Inc.	OWN	
870.1200 (81-2)	Acute dermal toxicity, rat	49795343	Church & Dwight Co., Inc.	OWN	
870.1300 (81-3)	Acute inhalation toxicity, rat	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.2400 (81-4)	Acute eye irritation, rabbit	42545401	Wexford Labs	OLD	

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Ingredient	Sodium percarbonate (128860)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2500 (81-5)	Acute dermal irritation, rabbit	42545401	Wexford Labs	OLD	
870.2600 (81-6)	Skin Sensitization, Guinea pig	49795344	Church & Dwight Co., Inc.	OWN	
870.2600	Acute Neurotoxicity-Rat	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.3100	90-Day Oral Toxicity-Rodent	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.3150	90-Day Oral Toxicity-Nonrodent	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.3200	21/28-Day Dermal Toxicity	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.3250	90-Day Dermal Toxicity	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.3465	90-Day Inhalation Toxicity-Rat	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.6200	90-Day Neurotoxicity-Rat	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.4100	Chronic Oral Toxicity-Rodent	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.4200	Carcinogenicity-Two Rodent Species – Rat and Mouse	49795345	Church & Dwight Co., Inc.	OWN	Waiver

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Ingredient Sodium percarbonate (128860)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3700	Prenatal Developmental Toxicity – Rat and Rabbit	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.3800	Reproduction and Fertility Effects	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.5100	Bacterial Reverse Mutation Assay	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.5300	In Vitro Mammalian Cell Gene Mutation Test	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.5375	In Vitro Mammalian Chromosome Aberration Test	49795345	Church & Dwight Co., Inc.	OWN	Waiver
870.5385	Mammalian Bone Marrow Chromosomal Aberration Test	49795345	Church & Dwight Co., Inc.	OWN	Waiver

APPLICATOR EXPOSURE

875.1100	Dermal Exposure	49795345	Church & Dwight Co., Inc.	OWN	Waiver
875.1300	Inhalation Exposure	49795345	Church & Dwight Co., Inc.	OWN	Waiver
875.1500	Biological Monitoring	49795345	Church & Dwight Co., Inc.	OWN	Waiver
875.1600	Data Reporting and Calculations	49795345	Church & Dwight Co., Inc.	OWN	Waiver

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Ingredient Sodium percarbonate (128860)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1700	Product Use Information	49795345	Church & Dwight Co., Inc.	OWN	Waiver

POST-APPLICATOR EXPOSURE

875.2300	Indoor Surface Residue Dissipation	49795345	Church & Dwight Co., Inc.	OWN	Waiver
875.2400	Dermal Exposure	49795345	Church & Dwight Co., Inc.	OWN	Waiver
875.2500	Inhalation Exposure	49795345	Church & Dwight Co., Inc.	OWN	Waiver
875.2800	Description of Human Activity	49795345	Church & Dwight Co., Inc.	OWN	Waiver
875.2900	Data Reporting and Calculations	49795345	Church & Dwight Co., Inc.	OWN	Waiver

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